

UNITED STATES PATENT AND TRADEMARK OFFICE
APR 20 2006 PCT/PTO 17 MAR 2006

In re Application of: Martin Oberhomburg
Application Number: Unassigned
Filing Date: Concurrently Herewith
Group Art Unit:
Examiner:
Title: GAS COOKING SURFACE

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with 37 C.F.R. 1.98, I am submitting a completed "INFORMATION DISCLOSURE STATEMENT BY APPLICANT" (*Form PTO/SB/08A*) with patents and/or publications as delineated therein attached.

DE 94 07 567 English abstract not available.

EP 0 836 054 discloses that the regulator of a gas burner (3) has two parallel gas feeds (4,5). One feed (4) has a flow restriction (6) in series with an on/off solenoid valve (8) while the other feed (5) has a switching solenoid (7) in series with a buffer volume (9). The switching solenoid provides a variable mean flow by varying the switching frequency or by varying the spatial ratio of the on/off periods. The buffer volume is sufficiently large to even out the pressure variation from the switching valve. The flow restriction provides a between one sixth and one twentieth of the maximum flow through the switching valve ie. the fully open flow through the switching valve.

DE 101 01 733 discloses that a burner (1) has an ignition device (2) and a flame monitor (3). A gas feed pipe (5) branches into first (5.1) and second (5.2) parallel gas feed pipe sections for which gas flows are each regulated by first (7) and second (6) valves and gas outlets connect up with a burner nozzle (4). The second valve in the second parallel gas feed pipe is designed for gas through-flow to achieve a low power setting. The first valve is designed for full flame. An Independent claim is also included for a device for carrying out the method of the present invention by branching a gas feed pipe into two parallel gas feed pipe sections.

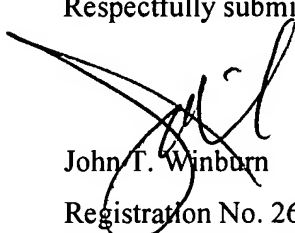
DE 41 33 660 indicates that the regulator for a gas burner (2) uses a control element (3) for opening and closing the gas supply line for the burner and time-dependent operation of

the control element e.g. under control of a temp. sensor (7) in the vicinity of the burner. Pref. the burner comprises a ceramic burner with an ignition gas jet (9). The control element (3) controls the ignition gas line, the ignition gas flame detected via a thermoelement (11).

EP 0 135 157 indicates that in an apparatus for cooking or for heating equipped with several gas burners some or all where of are intended for cyclic operation, the gas line of each such burner incorporating valve means to control gas flow to said burner and ignition means, the valve means of each gas burner intended for cyclic operation being associated with a cycle timing device comprising a timer and a valve controlled by said timer characterized in that the valve means in the gas line to each gas burner intended for cyclic operation (1A through 1E) is a multi-way valve (4A through 4E) with two alternative inlets (41, 42), gas passing to each such burner intended for cyclic operation through either of said inlets, one of said two inlets (41) being connected by a gas line (3A through 3E) to a main gas line (2) and the other one of said inlets (42) being connected to a cyclic-operation gas line common to all such multiway valves associated with said burners intended for cyclic operation (5) and in that said common cyclic-operation gas line (5) is connected to said main gas line (2) through a valve (7) controlled by the timer (8) of one cycle timing device common to all such burners intended for sequential operation (6).

If no translation of pertinent portions of any foreign language patents or publications mentioned within the "INFORMATION DISCLOSURE STATEMENT BY APPLICANT" is included with the aforementioned copies of those applications, patents and/or publications, it is because no existing translation is readily available to the Applicant. As per the Notice in 1273 OG 55 (August 5, 2003) no copies of any above-mentioned US patents and US patent application publications are submitted for this application which was filed after June 30, 2003.

Respectfully submitted



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March 17, 2006

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PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

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Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known

Application Number	Unassigned
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First Named Inventor	Martin Oberhomburg
Art Unit	
Examiner Name	
Attorney Docket Number	2003P01023WOUS

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U. S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

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Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ *Number ⁴ *Kind Code ⁵ (if known)				
		DE 94 07 567	07-07-1994	Gebr. Seppelfricke Gmb		
		EP 1 215 441	06-19-2002	H. Alan Leukhardt III et		✓
		EP 0 836 054	04-15-1998	Dr. Joachim Damrath et		
		WO 01/29483	04-26-2001	Pierre Repper et al		✓
		EP 0 773 409	05-14-1997	Luca Frasnetti et al		✓
		DE 101 01 733	07-18-2002	Martin Oberhomburg		

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Signature**

Date Considered	
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		Country Code ³ *Number ⁴ *Kind Code ⁵ (if known)				
		DE 41 33 660	04-22-1993	Martin Heller et al		
		EP 0 135 157	03-27-1985	Wilhelm Korsmeier		
		International Search Report PCT/EP2004/010685				✓

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

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